

157664

TO: JACK OWENS (OWENS.JACK)
TO: REGION TAT (REGION03.TAT)
TO: STEPHEN LUFTIG (LUFTIG.STEPHEN)
TO: RRC OFFICE (RRC)

Subject: MATTHEWS/SALFORD QUARRY POLREP #04

SALFORD QUARRY POLREP #4
MATTHEWS/SALFORD QUARRY SITE (NPL)
604 QUARRY ROAD
LOWER SALFORD TOWNSHIP
MONTGOMERY COUNTY, PENNSYLVANIA
ATTN: GREGG CRYSTALL, CHARLIE KLEEMAN

- I. SITUATION 1630 HOURS, 15 NOVEMBER 1991
 - A. THE SALFORD QUARRY SITE (NPL) IS AN ABANDONED STONE QUARRY WHICH WAS PURCHASED FOR WASTE DISPOSAL IN 1963 BY AMERICAN OLEAN TILE COMPANY, WHICH LATER BECAME A SUBSIDIARY OF NATIONAL GYPSUM COMPANY.
 - B. CERTAIN RESIDENCES WITH HIGH LEVELS OF BORON CONTAMINATING THEIR WELLWATER REQUIRE AN ALTERNATE WATER SUPPLY AND A PERMANENT SOLUTION TO THIS PROBLEM. FURTHER INVESTIGATION IS REQUIRED TO DETERMINE THE EXTENT OF CONTAMINATION AND THE NUMBER OF HOMES INVOLVED.
 - C. PRP (NATIONAL GYPSUM) CONTINUES A VOLUNTARY OFFSITE CONTAMINATION SURVEY TO DETERMINE THE LEVELS OF BORON THAT HAVE MIGRATED THROUGH GROUNDWATER INTO RESIDENTIAL WELLS.
 - D. PRP CONTINUES TO PROVIDE BOTTLED WATER AND TO INVESTIGATE POTABLE WATER ALTERNATIVES.
 - E. OPA CONTINUES WORKING CLOSELY WITH NATIONAL GYPSUM REPRESENTATIVES IN AN EFFORT TO KEEP THE COMMUNITY INFORMED ON CURRENT EVENTS.
 - F. 8 NOVEMBER 1991 ORC DEANGELO WAS ASSIGNED TO ASSIST ORC HAYDEN DUE TO THE NUMBER OF PRESSING MATTERS THAT NECESSITATE HIS ATTENTION.
 - G. THE LATEST GROUNDWATER SAMPLING EVENT ANALYTICAL RESULTS CLEARLY ESTABLISH THE PRESENCE OF ELEVATED LEVELS OF BORON IN RESIDENTIAL WELLS AT VARIOUS OFFSITE LOCATIONS.
 - H. SAMPLING RESULTS ALSO INDICATE THAT THE PARAMETERS OF THE BORON CONTAMINATED GROUNDWATER PLUME HAVE NOT YET BEEN FULLY DELINEATED.

AR100059

- I. RECEIPT OF REPLIES TO THE RECENT CORRESPONDENCE CONCERNING THE NECESSITY OF CONTINUING RESPONSE ACTIONS BETWEEN EPA AND NATIONAL GYPSUM IS ONGOING.
- II. ACTIONS TAKEN
 - A. IN LIGHT OF THE ONGOING BANKRUPTCY PROCEEDINGS ORC IS SEEKING A FORMAL WRITTEN ASSURANCE FROM NATIONAL GYPSUM THAT ALL APPROPRIATE MEASURES ARE AND WILL CONTINUE TO BE TAKEN TO PROTECT THE HEALTH OF AREA RESIDENTS. THE TARGET DATE FOR THIS AGREEMENT IS 20 NOVEMBER 1991.
 - B. THIS AGREEMENT IS TO ENCOMPASS CONTINUATION OF BOTTLED WATER DELIVERY, WELL SAMPLING, EXTENT OF CONTAMINATION SURVEY, EVALUATION OF POTABLE WATER ALTERNATIVES.
 - C. EPA HAS CLEARLY ADVISED NATIONAL GYPSUM THAT ALL ACTIVITIES RELATED TO THIS SITE MUST BE INCORPORATED INTO AN EPA ENFORCEABLE AGREEMENT ORDER.
 - D. IT IS EPA'S BELIEF THAT AMENDING THE EXISTING RI/FS AGREEMENT TO INCLUDE THOSE ADDITIONAL PROVISIONS DEEMED NECESSARY, SPECIFICALLY THOSE IN THE REMEDIAL INVESTIGATION SITE OPERATIONS PLAN (RISOP), WOULD BE THE MOST PRACTICAL MEANS TO LEGALLY ADDRESS THIS SITUATION.
 - E. OSC STILL AWAITING RESULTS OF ATSDR CONSULTATION.
 - F. OSC STILL AWAITING SAMPLING AND WORK PLAN FROM ENVIRON (PRP CONTRACTOR). OSC VERBALLY INFORMED LARRY KIRSCH, ESQ. AND B. NORTH OF ENVIRON THAT A QUICKER RESPONSE IS REQUIRED, ANY DELAYS ARE UNACCEPTABLE.
 - G. OSC CONTACTED DR. ROYAL NADEAU, ERT/REAC GROUP AND REQUESTED ASSISTANCE WITH SITE ASSESMENT ISSUES. ERT TO FAST-TRACK AN ASSESSMENT UNDER THEIR FUNDING ALLOTMENT.
 - H. A PUBLIC MEETING IS SCHEDULED FOR 20 NOVEMBER AT THE LOWER SALFORD MUNICIPAL BUILDING. HIGH PUBLIC INTEREST IS EXPECTED. OSC, RPM, ATSDR, REGION TOXICOLOGIST, OPA, PADER, PADOH AND NATIONAL GYPSUM REPRESENTATIVES TO ATTEND.
 - I. OSC PROVIDED ENVIRON WITH A SAMPLING MAP GENERATED BY TAT.
 - J. ON 14 NOVEMBER 1991 OSC MET WITH SALFORD TOWNSHIP OFFICIALS TO UPDATE THEM ON SITE ACTIVITIES. TOWNSHIP PROVIDED COMPOSITE MAPS OF QUARRY AREA.
 - K. OSC HAD ONSITE CONFERENCE WITH NORTH PENN WATER AUTHORITY ENGINEER MILON AND RECEIVED NEWLY INSTALLED WATER LINE DISTRIBUTION MAPS. OSC WAS ALSO UPDATED ON FUTURE PLANS TO EXTEND WATER LINE INTO THE AREA.

AR100060

- L. RPM LEE UPDATED ON ALL CURRENT ERS ACTIVITIES.
- M. RPM, EPA GEOLOGIST, TAT, EPA CONTRACTOR EPIC, AND PADER MET ONSITE TO PERFORM GLOBAL PLACEMENT SYSTEM TO IDENTIFY THE EXACT LOCATION OF THE FRACTURE IN THE GEOLOGICAL STRUCTURES RUNNING BENEATH THE SITE.
- N. TAT MET WITH RPM TO OBSERVE ENVIRON SAMPLING OF ADDITIONAL HOMES ON HIDEAWAY LANE, SOUTHWEST OF THE SITE, AND TO INSURE THAT PROPER SAMPLING PROTOCOL WAS FOLLOWED. PRP ALSO CONTINUED SURVEY OF LOCAL RESIDENTS TO IDENTIFY WHO WOULD LIKE THEIR WATER TO BE TESTED.
- O. OSC CONTACTED BENJAMIN LYKINS OF EPA RISK REDUCTION ENGINEERING LAB DRINKING WATER RESEARCH DIVISION IN CINCINNATI, TO REQUEST A NATIONWIDE DATA SEARCH FOR INFORMATION ON BORON REMOVAL.

III. FUTURE ACTIONS

- A. NATIONAL GYPSUM TO CONTINUE PROVIDING BOTTLED WATER, SAMPLING HOME WELLS, AND PERFORMING EXTENT OF CONTAMINATION SURVEY CONCURRENTLY WITH RI/FS EFFORTS.
- B. FURTHER REMEDIAL RESPONSE ACTIONS TO BE PERFORMED AS WARRANTED BY ANALYTICAL RESULTS.
- C. OSC/TAT TO FURTHER EVALUATE ANALYTICAL DATA AND TO CONTINUE TO TARGET RESIDENCES FOR SAMPLING.
- D. OSC PERMITTING PRP TO CONTINUE OFFSITE RESPONSE WHILE A PERMANENT FORMAL AGREEMENT IS PURSUED BY ORC.
- E. OSC TO PREPARE AN ACTION MEMORANDUM DUE TO CONTINUATION OF VOLUNTARY RESPONSE BY PRP AND BANKRUPTCY ISSUES. OSC TO ACTIVATE A FUNDED RESPONSE IF PRP DEFAULTS ON COMMITMENTS, AS DELAY IN RESPONSE ACTIONS IS UNACCEPTABLE DUE TO PUBLIC HEALTH ISSUES.
- F. ON 25 NOVEMBER 1991 OSC AND RPM TO MEET WITH DR. NADEAU, ERT/REAC TEAM, AT EDISON, NJ TO PLAN REAC'S SITE INVOLVEMENT.

JACK OWENS, OSC
EASTERN RESPONSE SECTION
U.S. EPA REGION III

AR100061